

Express Mail No.: EV 923358095 US  
Date of Deposit: August 13, 2007



Page 1 of 2  
Attorney Docket No.: 17810-518

Please type a plus sign (+) in this box ☐

PTO/SB (12-97)  
Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO				Application Number		10/649,234	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)				Filing Date		August 27, 2003	
				First Named Inventor		Uchida	
				Group Art Unit		1649	
				Examiner Name		Robert Clinton Hayes	
				Attorney Docket Number		17810-518	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
/R.H./	*A4	4,683,195	07/28/87	Mullis et al.	435	6	
↓	*A5	4,683,202	07/28/87	Mullis	435	91	
↓	*A6	5,750,376	05/12/98	Weiss et al.	435	69.52	
↓	*A7	5,753,506	05/19/98	Johe	435	377	
↓	*A8	5,843,633	12/01/98	Yin et al.	435	2	
↓	*A9	5,851,832	12/22/98	Weiss et al.	435	368	
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
/R.H./	*A10	US2001/0051372 A1	12/13/01	Yin et al	435	325	
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
/R.H./	B3	WO 90/07380	MILTENYI, Stefan	07/12/90			
↓	B4	WO 96/26782	MILTENYI BIOTECH, INC.	09/06/96			
↓	B5	EP 0 438 520 B1	BAXTER INTERNATIONAL INC.	07/31/91			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
/R.H./	C62	Accession Number NM_002033, March 24, 1999.					
↓	C63	Akashi et al., "A Clonogenic Common Myeloid Progenitor that Gives Rise to All Myeloid Lineages", <i>Nature</i> , 404:193-197 (2000)					
↓	C64	Corbeil et al., "AC133 Hematopoietic Stem Cell Antigen: Human Homologue of Mouse Kidney Prominin or Distinct Member of a Novel Protein Family?", <i>Blood</i> , 91(7):2625-2626 (1998)					
↓	C65	Corbeil et al., "Selective Localization Of The Polytopic Membrane Protein Prominin In Microvilli Of Epithelial Cells - A Combination Of Apical Sorting And Retention In Plasma Membrane Protrusions", <i>J. Cell Sci.</i> , 112(Pt. 7):1023-1033 (1999)					

/Robert Hayes/

01/09/2008

/R.H./	C66	Jost et al., "Mammalian Expression and Secretion of Functional Single-chain Fv Molecules", <i>J. Biol. Chem.</i> , 269(42):26267-26273 (1994)
	C67	Kabat et al., "Sequences of Proteins of Immunological Interest", Vol. 1, Fifth Edition, U.S. Department of Health and Human Services, pages 1-44 (1991)
	C68	Lendahl et al., "CNS Stem Cells Express a New Class of Intermediate Filament Protein", <i>Cell</i> , 60:585-595 (1990)
	C69	Liu et al., "Chimeric Mouse-Human IgG1 Antibody that Can Mediate Lysis of Cancer Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 84:3439-3443 (1987)
	C70	Liu et al., "Production Of A Mouse-Human Chimeric Monoclonal Antibody To CD20 With Potent Fc-Dependent Biologic Activity", <i>J. Immunol.</i> , 139(10):3521-3526 (1987)
	C71	Miraglia et al., "A Response to AC133 Hematopoietic Stem Cell Antigen: Human Homologue of Mouse Kidney Prominin or Distinct Member of a Novel Protein Family?", <i>Blood</i> , 91(11):4390-4391 (1988)
	C72	Simmons et al., "Molecular Cloning of a cDNA Encoding CD34, a Sialomucin of Human Hematopoietic Stem Cells", <i>J. Immunol.</i> , 148(1):267-271 (1992)
	C73	Tamura et al., "Epithelial Integrin $\alpha_6\beta_4$ : Complete Primary Structure of $\alpha_6$ and Variant Forms of $\beta_4$ ", <i>J. Cell Biol.</i> , 111:1593-1604 (1990)
↓	C74	Weigmann et al., "Prominin, A Novel Microvilli-Specific Polytopic Membrane Protein Of The Apical Surface Of Epithelial Cells, Is Targeted To Plasmalemmal Protrusions Of Non-Epithelial Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 94(23):12425-12430 (1997)

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	/Robert Hayes/	Date Considered	01/09/2008
-----------------------	----------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.